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of

2

Application Number

Filing Date

First Named Inventor

Andrew J. Wanie

Art Unit

Examiner Name

Attorney Docket Number 845.001

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA	US-	4,332,678	06-01-1982	Spiegl	
AB	US-	4,986,902	01-22-1991	Sema	Fig 1
AC	US-	4,987,409	01-22-1991	Jackson	Fig 1
AD	US-	5,132,669	07-21-1992	Jackson	
AE	US-	5,147,531	09-15-1992	Dougal	
AF	US-	5,239,205	08-24-1993	Hoffman et al.	
AG	US-	5,239,285	08-24-1993	Rak	
AH	US-	5,297,428	03-29-1994	Carr et al.	
AI	US-	5,340,954	08-23-1994	Hoffman et al.	
AJ	US-	5,363,087	11-08-1994	Johannsen et al.	
AK	US-	5,512,834	04-30-1996	McEwan	
AL	US-	5,818,128	10-06-1998	Hoffman et al.	
AM	US-	6,023,159	02-08-2000	Heger	
AN	US-	6,188,228 B1	02-13-2001	Philipp	
AO	US-	6,192,693 B1	02-27-2001	Kloppenberget al.	
AP	US-	6,281,802 B1	08-28-2001	Venable et al.	
AQ	US-	6,287,458 B1	09-11-2001	Lawrence	Fig 3
AR	US-	6,309,551 B1	10-30-2001	Sucheck, Jr. et al.	
AS	US-	2001/0054966 A1	12-27-2001	Johannsen et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	†
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
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		Number-Kind Code ² (if known)			
	BA	US- 6,456,202 B2	09-24-2002	Johannsen et al.	
	BB	US- 2002/0149489 A1	10-17-2002	Bearak	
	BC	US-			
	BD	US-			
	BE	US-			
	BF	US-			
	BG	US-			
	BH	US-			
	BI	US-			
	BJ	US-			
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